



## DoD Global Influenza and Other Respiratory Viral Pathogens Week 45 (7 Nov – 13 Nov) Weekly Surveillance Report



### SUMMARY:

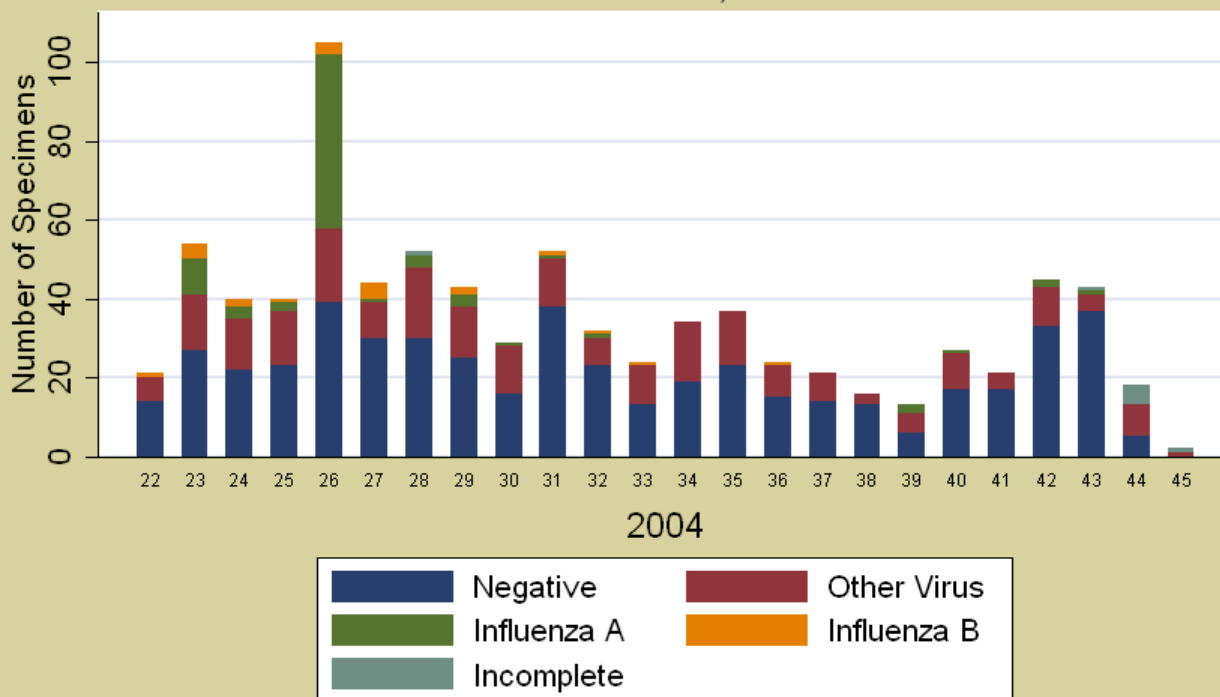
**Number of new isolates for Week 44: 0 Influenza A; 0 Influenza B**

Since **1 June 2004**, the Epidemiological Surveillance Division (AFIOH/SDE) has processed 832 specimens as part of the influenza surveillance program. Of those specimens, 74 (9%) were positive for influenza A and 21 (3%) were positive for influenza B.

In addition, 8 specimens are still being processed.

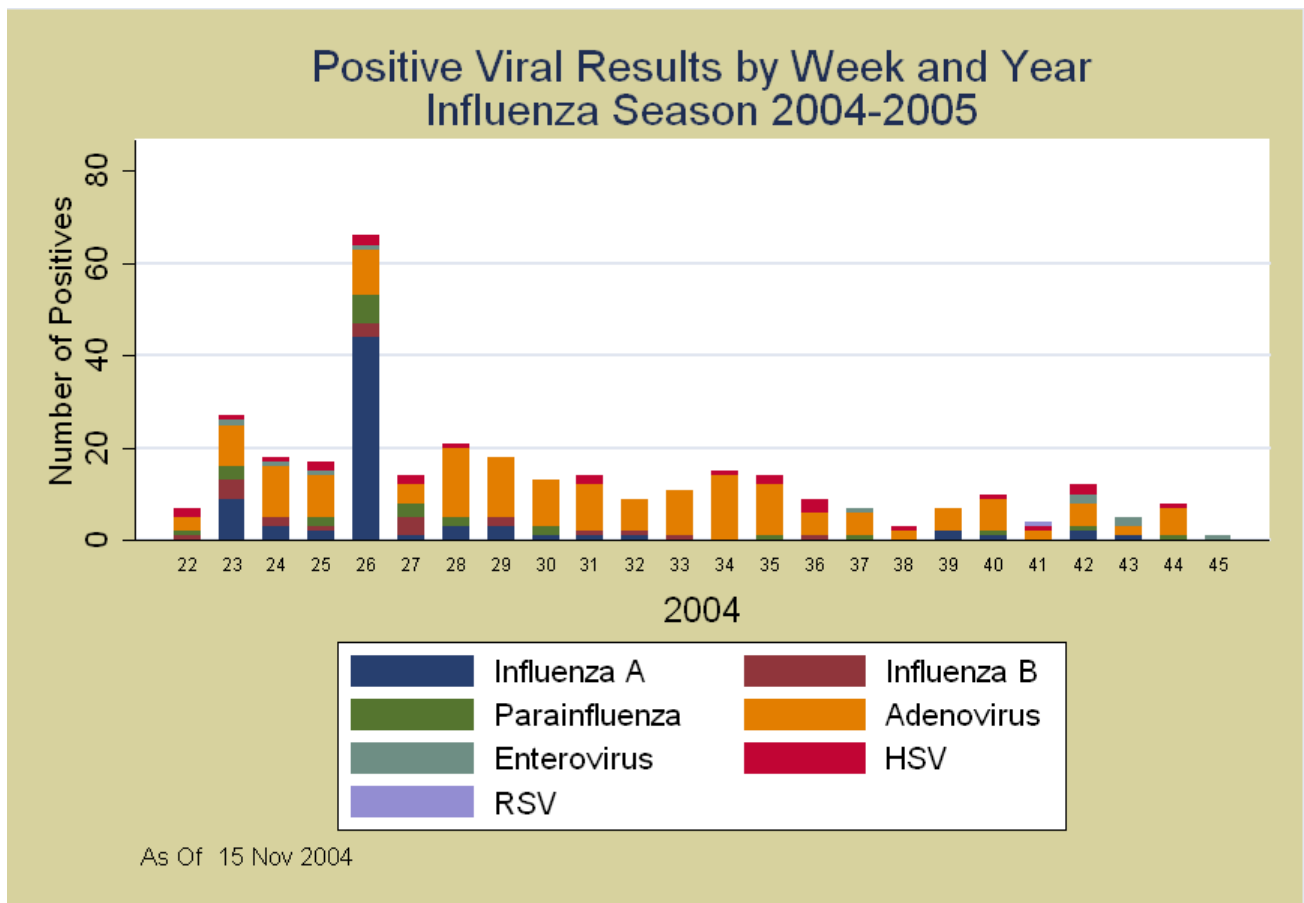
See the accompanying table in the “Additional Information” section for breakdown by demographics.

**Results of Specimens Received by Week and Year  
Influenza Season, 2004-2005**



As Of 15 Nov 2004

## OVERALL DOD RESPIRATORY VIRAL SURVEILLANCE:



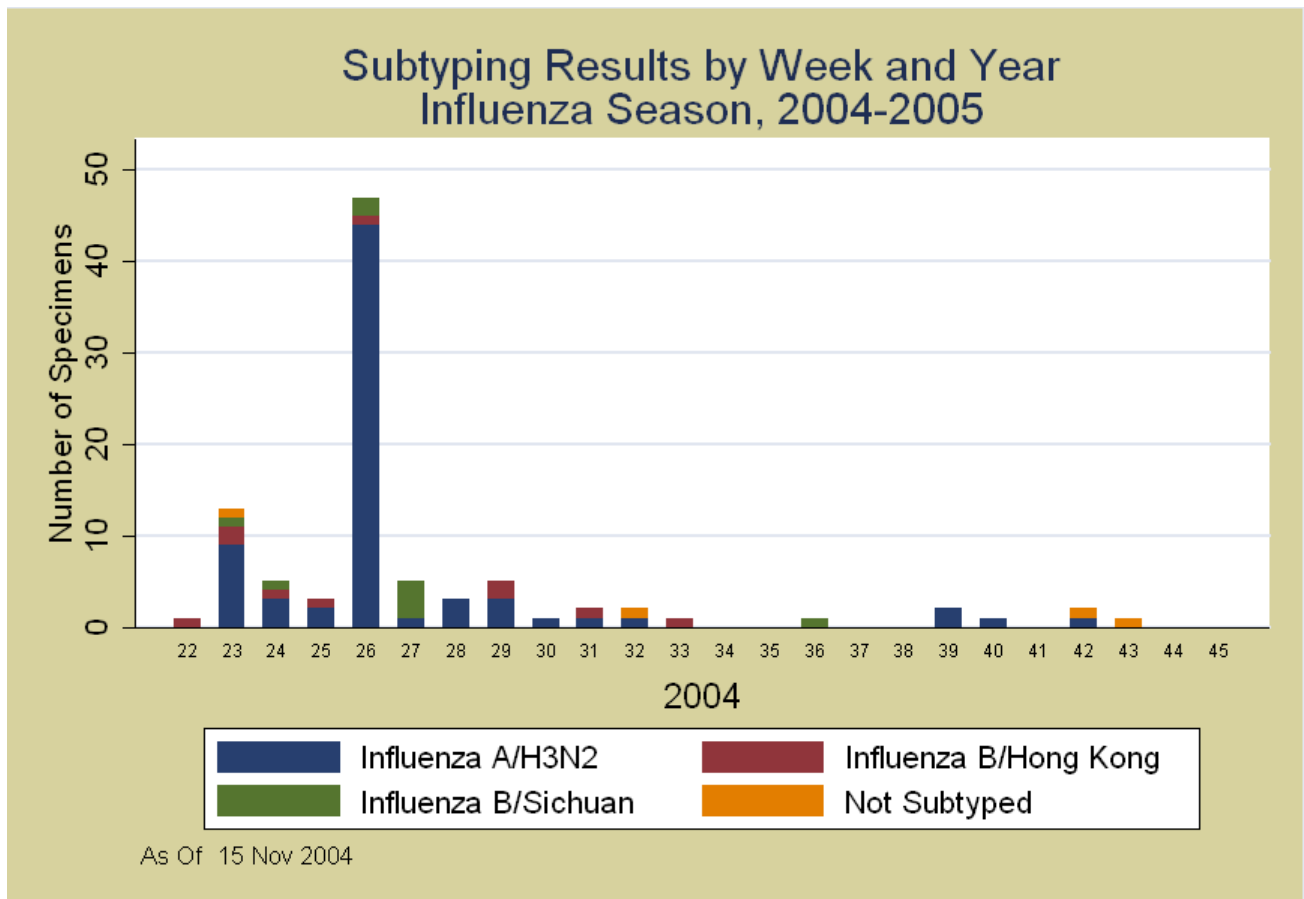
Note: Graphs do not include data from the NHRC, which conducts Febrile Respiratory Illness (FRI) surveillance among recruit populations. NHRC compiles this data into a separate report. For more information, visit the NHRC website at <http://www.nhrc.navy.mil/geis/>

## SUBTYPING:

Since **1 June 2004**, we have subtyped 91 isolates using either polymerase chain reaction (PCR) or hemagglutination-inhibition (HI). The following table and graph summarize overall subtyping results. Subtyping results for individual bases can be found on the AFIOH Influenza Surveillance website:

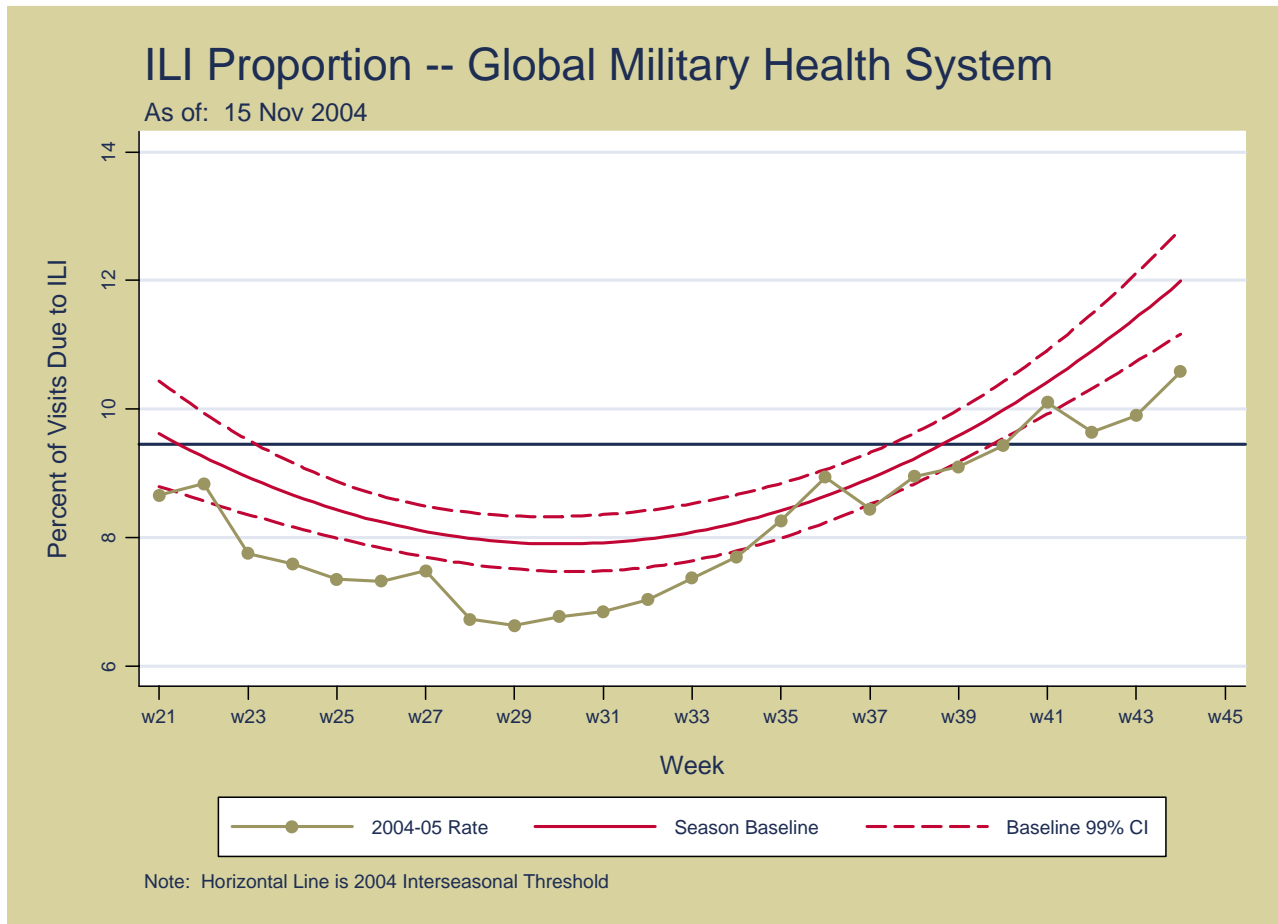
<https://gumbo.brooks.af.mil/pestilence/Influenza/>

Subtype Result	Cumulative Total
Influenza A/H3N2	72
Influenza A (subtype pending)	2
Influenza B/Sichuan-like	9
Influenza B/Hong Kong	10
Influenza B (subtype pending)	2



## INFLUENZA-LIKE ILLNESS:

This graph plots the percentage of weekly outpatient visits at military installations that had an ICD-9 code for Influenza-Like Illness. Visit and coding data were taken from ESSENCE. A seasonal baseline and 99% confidence intervals are included for comparison. The baseline was calculated from ESSENCE data for the previous 2 years.



Graphs for individual bases and regions can be found on the AFIOH Influenza Surveillance website:

<https://gumbo.brooks.af.mil/pestilence/Influenza/ILIChartsform.cfm>

## NATIONAL INFLUENZA ACTIVITY: CDC

<http://www.cdc.gov/ncidod/diseases/flu/weeklychoice.htm>

During week 44 (the latest report available), CDC reported a low level of influenza activity in the United States. Laboratory surveillance identified 6 specimens (0.6%) positive for influenza. Of these, 1 was influenza A (H3N2), 2 were influenza A (not subtyped), and 3 were influenza B. Twenty-eight states, the District of Columbia, and New York City reported sporadic influenza activity, and 20 states had no activity.

## INTERNATIONAL INFLUENZA ACTIVITY: WHO

<http://www.who.int/GlobalAtlas/DataQuery/home.asp>

Week in review: **Week 44**

*South America:* Argentina reported sporadic activity.

*Asia:* Currently no activity.

*Europe:* Finland reported sporadic activity.

North America: Currently no activity.

Africa: Currently no activity.

#### ADDITIONAL INFORMATION:

- **Avian Influenza Update:** As of 29 October, WHO had no further reports of human cases on their website.

Please direct any questions or comments to: [influenza@brooks.af.mil](mailto:influenza@brooks.af.mil)

#### DEMOGRAPHIC SUMMARY:

Table 1. Influenza Isolates by Sentinel Site

	New Isolates		Cumulative (since 1 June 2004)		
# POSITIVES SUBMITTED BY SENTINEL SITES	A	B	A	B	Specimens Submitted
Al Udeid AB, Qatar	0	0	0	0	1
Andersen AFB, Guam	0	0	1	0	6
Andrews AFB, MD	0	0	0	0	5
Aviano AB, Italy	0	0	0	0	0
Bremerton NS, WA	0	0	0	0	0
CGS Ketchikan, AK	0	0	0	0	0
Elmendorf AFB, AK	0	0	1	0	3
McGuire AFB, NJ	0	0	0	0	0
Ganci AB, Kyrg	0	0	0	0	0
Incirlik AB, Turkey	0	0	0	0	0
Kadena AB, Japan	0	0	0	0	1
Kunsan AB, Korea	0	0	0	0	2
RAF Lakenheath, UK	0	0	0	0	9
Landstuhl RMC, Germany	0	0	0	0	0
Maxwell AFB, AL	0	0	0	0	1
Misawa AB, Japan	0	0	0	0	13
NAB Little Creek, VA	0	0	0	0	2
NS Pearl Harbor/Hickam, HI	0	0	0	0	0
NH Yokosuka, Japan	0	0	0	0	2
NMC San Diego, CA	0	0	0	0	0
Osan AB, Korea	0	0	0	0	11
Ramstein AB, Germany	0	0	0	0	0
Scott AFB, IL	0	0	0	0	30
Sheppard AFB, TX	0	0	0	0	38
Travis AFB, CA	0	0	0	0	11
Tripler AMC, HI	0	0	2	13	15
US Air Force Academy, CO	0	0	0	0	9
Yokota AB, Japan	0	0	0	0	3
<b>TOTALS for SENTINEL SITES</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>13</b>	<b>162</b>

**Table 2. Influenza Isolates by Overseas Labs**

# POSITIVES SUBMITTED BY OVERSEAS LABS	New Isolates		Cumulative (since 1 June 2004)		
	A	B	A	B	Specimens Submitted
AFRIMS, Thailand	0	0	10	0	26
AFRIMS, Nepal	0	0	42	0	64
NMRC-D, Peru	0	0	16	8	287
NMRC-D, Nicaragua	0	0	0	0	0
<b>TOTALS for OVERSEAS LABS</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>8</b>	<b>377</b>

**Table 3. Respiratory specimens received**

Location	Total # of Specimens Received	
	Current Week	Cumulative*
ALL SITES	37	834
NORTH AMERICA	30	383
PACOM	6	155
EUCOM	1	9
CENTCOM	0	1
SOUTH AMERICA	0	286

+Comments: \*Received since 1 June 2004.

**Table 4. Summary of Results of Recently Processed Specimens**

Location	Results of Specimens Processed during current week*				
	Negative	Influenza A	Influenza B	Adenovirus	Other
ALL SITES	45	0	0	6	4**
NORTH AMERICA	36	0	0	6	3
PACOM	6	0	0	0	1
EUCOM	3	0	0	0	0
CENTCOM	0	0	0	0	0
SOUTH AMERICA	0	0	0	0	0

Comments: \* specimens were **received** in months of August through November

\*\* 2 parainfluenza, 1 enterovirus, 1 HSV

## DEMOGRAPHIC GRAPHS :

